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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

COUNTRY	East Germany	REPORT	
SUBJECT	Radio and Radar Installations at Gross Doelln Airfield	DATE DISTR.	5 March 1956
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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

report on the Gross Doelln airfield which gives information under the following headings: 1. General, 2. Radio/Radar Equipment, 3. Electricity and Telephone Links, and 4. Roadways. Also included is one sketch which shows the location of installations.

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STATE	X	ARMY	X	NAVY	X	AIR	X	FB		AEC				
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(Note: Washington distribution indicated by "X"; Field distribution by ")

EAST GERMANY
AIR/MILITARY

Subj: RADIO & RADAR INSTALLATIONS ASSOCIATED WITH THE HEAVY A.A. SITE
ON GROSS DOELLN AIRFIELD (as at 13 Jan 56).

All map references are taken from GERMANY 1: 25000 AMS series M 841
3rd edition, sheet nos. 2946 and 2947.

APPENDIX

Attached at APPENDIX "A" is a rough sketch not drawn to scale
showing relative positions of equipments referred to in this report.

1. GENERAL

Adjoining the SOUTH-EASTERN corner of the EASTERN runway approach
funnel, there is a permanent heavy AA site consisting of 8 x 85 mm AA
guns. This battery has been set up in a series of earthen emplacements
sited in the form of a horseshoe. There is a total of approximately 150
CRs, wearing black/red sbds, manning this battery, all personnel being
accommodated in an adjoining hutted camp.

2. RADIO/RADAR EQUIPMENT

At MR 047 769 on the upper border of JAGEN 154, and approximately
300 m. WEST of the AA site, there was a cluster of radio and radar vehicles,
detailed as follows:-

- a) Mounted on a small, 2-axled radio van, there was a normal
CROSSFORK aerial array. No accurate details of the lengths of
the various dipoles is possible.
- b) A FISHNET surmounted a mast approximately 10 m. in height was
located approx 10 m. EAST of the CROSSFORK.
- c) There was a small radar array mounted on a flat trailer imme-
diately behind a 2-axled radio type van. This radar was described
as follows:-
a rectangular mesh array approximately 3 to 3½ m. in height, mounted
vertically, with the sides curved in to form an approximate third of
a cylinder. The upper and lower curved sides were approximately
2 m. in width. The array appeared to be mounted at the base with a
large stamen-type feed-in. On the day of observation the equipment
was uncovered, though not in operation.
- d) 2 x 2-axled radio vans were placed end-to-end approximately
10 m. apart, both vehicles being approx 25 m. SOUTH of the FISHNET.
A single aerial approx 3 m. in height was mounted on the rear of each
van, with a loose wire aerial stretched in between. 2 further radio
type vans were parked in the vicinity, but no associated aerial arrays
of any type can be seen.
- e) Although the radio and radar equipments/located in the open and
grouped comparatively closely together, it was impossible to identify
or trace any system of interconnecting cables, apart from a mains
power supply feeding into the site.

3.

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3. ELECTRICITY & TELEPHONE LINKS

- a) Electric power to the site is supplied by an overhead grid which feeds into a transformer located at approx 045.765, roughly in the middle of JAGEN 154; (although extensive tree clearance has taken place in this area, the km/Jagen stones still remain). From this transformer there is a lead-off which connects the group of radio and radar vehicles.
- b) A telephone system comprising two single pairs of wires leads off SOUTHWESTwards from the vicinity of the AA gun site, crossing over the roughly cleared areas of former JAGENS 154 and 155, the wires disappearing into JAGENS 122 and 123.

4. ROADWAYS

There is evidence (such as pegging out) to indicate that a new roadway is to be laid down passing through Jagen 155 and proceeding SOUTHEASTwards in the direction of BEBERSEE.

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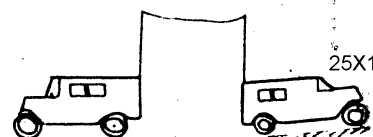


Diagram of a mobile station antenna system. A vertical antenna is mounted on a base labeled "approx 20 in.". The antenna height is labeled "approx 3-4 m". A signal source labeled "Signals Type Vack" is connected to the antenna base.

unidentified radar
adjoining CROSSFORK
on AA Site